Sheet 1 of 8. **CUSTOMER NO. 27623** Application Number Docket Number (Optional) FORM PTO-1449 10/663,445 460.2299USO Applicant INFORMATION DISCLOSURE IN AN APPLICATION Lieberman et al. Group Art Unit Filing Date 2876 (Use several sheets if necessary) September 16, 2003 U. S. PATENT DOCUMENTS FILING DATE IF **EXAMINER APPROPRIATE** SUBCLASS CLASS DATE NAME DOCUMENT INITIAL NUMBER 12/16/41 C. R. Porthouse et al. D130,791 D264,993 6/15/82 Kestenberg 46 D24 D271,797 Chrones 12/13/83 12/11/84 | Brown D276,700 4/9/85 Brown D278,311 46 D24 D286,071 10/7/86 Fuller D24 46 Fuller D288,240 2/10/87 46 **D24** Fuller D288,241 2/10/87 D24 46 Morano et al. D294,735 3/15/88 D24 45 English et al. D300,462 3/28/89 D24 46 Fitzpatrick et al. D303,839 10/3/89 D24 196 11/10/92 | Sakashita D330,938 FOREIGN PATENT DOCUMENTS Translation YES NO SUBCLASS **CLASS** COUNTRY DOCUMENT DATE NUMBER Japan JP 05115535 5/14/93 JP 05084279 Japan 4/6/93 EP 555165 8/11/93 Europe OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED **EXAMINER** K -72cons EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through

citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Sheet \_2 of \_8\_.

FORM PTO-1449		MAR U 1	Z004 v.	Docket Number (Optional)	Docket Number (Optional) App		Application Number			
INFORMATION DISCLOS		2		460.2299USQ		10/663,445				
INFOR	MATION DISCLOS	ATION		Applicant						
	IN AN APPLICA			Lieberman et al.						
				Filing Date	1	Group Art Unit				
	(Use several sheets if			September 16, 2003		2876				
		U	S. PATEN	T DOCUMENTS						
EXAMINER . INITIAL	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE APPROPRIAT			
W	D349,769	8/16/94	Green							
	D360,468	7/18/95	Fuller		D24	196				
	D373,423	9/3/96	Mazade et	al.						
	D381,752	7/29/97	McCoy		D24	196				
	D384,748	10/7/97	Dunn							
_	D404,825	1/26/99	Reed	-			<u> </u>			
	D405,530	2/9/99	Manganiel	lo et al	D24	196				
		7/6/99	Manganiel		D24					
	D411,886	8/3/99	Morano		D24		<u> </u>			
	D412,582				1727	<b>二</b>				
	D413,983	9/14/99	Shaw				-			
	D414,268	9/21/99	Shaw		Day	120				
	D417,275	11/30/99	Conforti		D24	130	<u> </u>			
	<b>,</b>	FOF	REIGN PAT	TENT DOCUMENTS	; 1		1 _			
•.	DOCUMENT NUMBER	DATE		COUNTRY	CLAS	S SUBCLASS	YES	NO NO		
								<u> </u>		
						·				
	-		<del></del>							
	OTUE	D DOCU	MENTS (	luding Author, Title, Date, Per	tinont Pon	oe Etc.)				
<del> </del>	Uinc	K DOCO	IVICIA I O (INC	luding Addior, Tide, Date, Fer	unem rag	63, E.G.)	<del> </del>			
			<del></del>				<del></del>			
	<u>.</u>									
EXAMINER				DATE CONSIDERED	,	ed)05				
1	1720									

Sheet <u>3</u> of <u>8</u>.

FORM PTO-1449				Docket Number (Optional)		Application Number					
							10/663,445				
INFOF	INFORMATION DISCLOSURE CITATION IN AN APPLICATION				Applicant Lieberman et al.						
	(Use several sheets if	nanassan/l		1 '			roup Art Unit				
	(USB Several Sheets III			September 16, 2003	)	287	0	*************			
		1	. S. PATEN	T DOCUMENTS	1	T		FILING D	ATE IE		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME CLASS SU		SUBCLASS	APPROP				
	D428,154	7/11/00	Shaw								
	D433,143	10/31/00	Chomik et a	al	D24		197				
	D439,983	4/3/01	Dealing				>				
	D440,316	4/10/01	Tollman								
	D440,318	4/10/01	Meyers								
•.	D441,086S	4/24/01	Morano		D24	4	197				
	D441,087	4/24/01	Johansen								
	D441,870S	5/8/01	Randolph		D2	4	196				
	D441,872	5/8/01	Johansen		<b>-</b>						
	D444,239	6/26/01	Kobayashi	et al.							
	D445,193	7/17/01	Manganiell								
1/	D447,570	9/4/01	Shaw								
			.t	ENT DOCUMENTS	S			<u> </u>			
		T					<u> </u>	Trans	lation		
	DOCUMENT NUMBER	DATE		COUNTRY	CLASS		SUBCLASS	YES	NO		
					<del> </del>						
					<u> </u>	,					
								ļ	ļ		
					<u> </u>		<u> </u>		<u> </u>		
	OTHE	R DOCU	MENTS (incl	uding Author, Title, Date, Pe	rtinent Pa	ges, Et	tc.)				
•.											
								-			
				<u></u>							
	<del> </del>			······································				<u> </u>			
		<del>,</del>	<del></del>								
EXAMINER	<u> </u>			DATE CONSIDERED			,				
k	. TRUS		<b>-</b> ·		10/	20)	105				
574140150-1-	itial if citation considered						<u> </u>				

FORM PTO-1449			Docket Number (Optional) A			Application Number				
				460.2299USQ 10/663,445						
INFOR	MATION DISCLOS	Applicant								
	IN AN APPLICA	Lieberman et al.								
	At the second objects if a			1 -			up Art Unit			
	(Use several sheets if n			September 16, 2003 2876						
•.		U	. S. PATEN	T DOCUMENTS						
EXAMINER INITIAL			NAME	CLASS		SUBCLASS	FILING D			
IN	D457,967	5/28/02	Shaw		<_					
	D459, 815	7/2/02	Pastucha				)			
	D463,567	9/24/02	Morano							
	D464,434	10/15/02	Morano							
	D470,593	2/18/03	Iodice							
	D478,669	8/19/03	Wear							
	956,741	5/3/10	DE Wane B	s. Smith						
	1,099,082	6/2/14	W. M. Decl	cer						
	1,541,330	6/9/25	W. M. Decl	cer						
	1,649,580	11/15/27	Geisler			I				
	1,759,568	5/20/30	Fervers			$\mathcal{T}$				
W	1,858,356	5/17/32	F. Brown			$\overline{I}_{\underline{I}}$				
•.	•	FOF	REIGN PAT	ENT DOCUMENTS	3					
								Trans		
	DOCUMENT NUMBER	DATE		COUNTRY	CLAS	S	SUBCLASS	YES	NO	
ļ		<del> </del>								
		<del></del>	ļ							
		<del> </del>	ļ					ļ		
	<u> </u>	<u> </u>			<u> </u>					
	OTHER	R DOCUI	MENTS (inclu	ding Author, Title, Date, Per	tinent Pag	es, E	tc.)			
	L									
EXAMINER	<u> </u>	-2		DATE CONSIDERED	7	. )				
18	, TRUM	2		10	0/20	/(	)			
EXAMINER: Initia	al if citation considered, v	whether or no	t citation is in cor	nformance with MPEP §609;	Draw line	throu	gh .			
citation if not in -	onformance and not con-	docad Inch	do convert this fo	orm with next communication	to the ani	alicac				

FORM PTO-1449				Docket Number (Optional) Application Number							
1 Order 1 October				460.2299USQ 10/663,445							
INFORMATION DISCLOSURE CITATION				Applicant							
	IN AN APPLICA	Lieberman et al.									
				Filing Date		l	up Art Unit				
	(Use several sheets if r		September 16, 2003		287	76 .					
		U	. S. PATEN	T DOCUMENTS							
EXAMINER INITIAL DOCUMENT NUMBER		DATE	NAME			s	SUBCLASS	FILING D APPROP			
h	2,204,683	6/18/40	Lambert			_					
	2,366,214	1/2/45	Ramaker				$\rightarrow$				
	2,388,915	11/13/45	Heilborn	· · · · · · · · · · · · · · · · · · ·		ļ					
	2,613,671	10/14/52	Bonin								
•	3,022,915	2/27/62	Mullin								
	3,075,666	1/29/63	Hoffstein			_/					
	3,273,703	9/20/66	Stribley			_		·			
	3,530,979	9/29/70	Merrill								
	3,902,618	9/2/75	Guerster et	al.							
	4,238,040	12/9/80	Fitzpatrick		215	5	11				
	4,505,398	3/19/85	Kesselring								
4/	4,613,050	9/23/86	Atkin		<u> </u>			<u> </u>			
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		FOF	REIGN PAT	ENT DOCUMENTS	3						
								Translation			
	DOCUMENT NUMBER	DATE		COUNTRY	CLAS	SS 	SUBCLASS	YES	NO		
							<del> </del>				
		<b>_</b>			<del> </del>				·		
		ļ					<u> </u>				
	OTHE	R DOCU	MENTS (Incl	uding Author, Title, Date, Pe	rtinent Pa	ges, E	itc.)				
-	,							_			
									<del></del>		
EXAMINER	K TRU	(B) -		DATE CONSIDERED	10/2	o/c	3				
EXAMINER: 1			ot citation is in co	onformance with MPEP §609	; Draw line	e thro	ugh				
				form with next communicatio							

Sheet 6 of 8 **CUSTOMER NO.: 27623** Docket Number (Optional) **Application Number FORM PTO-1449** 10/663,445 460.2299USQ Applicant INFORMATION DISCLOSURE CITATION IN AN APPLICATION Lieberman et al. **Group Art Unit** Filing Date (Use several sheets if necessary) 2876 September 16, 2003 U. S. PATENT DOCUMENTS FILING DATE IF **EXAMINER** APPROPRIATE SUBCLASS CLASS NAME DOCUMENT DATE INITIAL NUMBER 11/18/86 White 4,623,069 Phlaphongphanich 215 11 6/30/87 4,676,386 128 360 5/30/89 Schrooten 4,834,099 Dransfield 4,867,325 9/19/89 4,993,568 2/19/91 Morifuji et al. 5,020,680 6/4/91 Bale 215 11.1 Dekerle 5,024,341 6/18/91 Eveleigh et al. 5,078,733 1/7/92 215 11.1 Martin 5,129,532 7/14/92 5,145,077 Rohrig 9/8/92 Manfredonia 5,211,299 5/18/93 215 11.6 12/14/93 | Morano 5,269,426 FOREIGN PATENT DOCUMENTS Translation CLASS SUBCLASS COUNTRY DOCUMENT DATE NUMBER OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED **EXAMINER** THON EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through

citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Sheet <u>'7</u> of <u>8</u>.

FORM PTO-1449				Docket Number (Optional) Application Number					
				460.2299USQ 10/663,445					
INFOR	MATION DISCLOS IN AN APPLICA	Applicant Lighterman et al							
	IN AN APPLICA		Lieberman et al.  Filing Date Group Art Unit						
	(Use several sheets if r	recessary)		September 16, 2003		287	16		
		S. PATEN	T DOCUMENTS						
EXAMINER								FILING DATE IF	
INITIAL	DOCUMENT NUMBER	DATE		NAME	CLAS		SUBCLASS	APPROP	RIATE
W	5,419,445	5/30/95	Kaesemeyer	<u> </u>	215		11.1	<del></del>	
]	5,544,766	8/13/96	Dunn			_			
	5,553,726	9/10/96	Park		215		11.4		
	5,579,935	12/3/96	Atkin						
	5,617,972	4/8/97	Morano et a	ıl.	221		33		
	5,653,732	8/5/97	Sheehy		606	5	236		
	5,690,679	11/25/97	Prentiss						
	5,747,083	5/5/98	Raymond e	t al.	426	5	117		
	5,806,711	9/15/98	Morano et al.		221	221 33			
	5,878,899	3/9/99	Manganiell	o et al.	215	5	11.6		
	5,881,893	3/16/99	Manganiell		215	5	11.5		
W	5,921,426	7/13/99	Randolph		220	)	495.06		
			1	ENT DOCUMENTS	<u></u>		· · · · · · · · · · · · · · · · · · ·	b	
	1	1					Translation		
<u> </u>	DOCUMENT NUMBER	DATE		COUNTRY	CLASS		SUBCLASS	YES	NO.
					<u> </u>				<u> </u>
			<u> </u>						
•.									
					<u> </u>				<u> </u>
	OTHE	R DOCU	MENTS (incl	uding Author, Title, Date, Per	tinent Pag	ges, E	tc.)		
			<del></del>				·		
					<del>~~~~</del>				******
			<u></u>						
EXAMINER	1 Re	ear		DATE CONSIDERED	po/1	ノベ	/		
EYAMINED: 1-1			ot citation is in co	onformance with MPEP §609	Draw line	thro	uah		
				form with next communication					

Sheet <u>8</u> of <u>8</u>. **CUSTOMER NO.: 27623 Application Number** Docket Number (Optional) FORM PTO-1449 10/663,445 460.2299USQ Applicant INFORMATION DISCLOSURE CITATION IN AN APPLICATION Lieberman et al. Group Art Unit Filing Date (Use several sheets if necessary) 2876 September 16, 2003 U. S. PATENT DOCUMENTS FILING DATE IF **EXAMINER SUBCLASS** APPROPRIATE CLASS NAME DOCUMENT DATE INITIAL NUMBER 11.1 215 Morano 12/21/99 6,003,698 215 11.1 Meyers et al. 3/7/00 6,032,810 215 11.5 Chomik 6,053,342 4/25/00 Hall et al. 9/5/00 6,112,749 6,161,710 12/19/00 Dieringer et al. 6,241,110 6/5/01 Hakim 215 11.1 6,253,935 7/3/01 Fletcher Chien 6,371,315 4/16/02 Meyers 6,446,822 9/10/02 Kiernan 2002/0063103 5/30/02 FOREIGN PATENT DOCUMENTS Translation SUBCLASS YES NO CLASS COUNTRY DOCUMENT DATE NUMBER OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

**EXAMINER** 

DATE CONSIDERED

10